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- h. wherein each of said elements b-g include an electrical connection and all electrical connections between any elements b-g are contained within said housing.
22. A seismic data collection unit comprising:
- a. a non-spherical pod formed of a single housing, said pod comprising a wall defining an internal compartment within said single housing;
  - b. at least one geophone internally fixed within said internal compartment;
  - c. a clock disposed within said internal compartment;
  - d. a power source disposed within said internal compartment; and
  - e. a seismic data recorder disposed within said internal compartment;
  - f. wherein each of said elements b-e include an electrical connection and all electrical connections between any elements b-e are contained within said internal compartment; and
  - g. wherein the at least one geophone is coupled to the seismic data recorder to permit seismic signals detected by said geophones to be recorded on said seismic data recorder.
23. The seismic data collection unit of claim 22, wherein said seismic data collection unit is self contained and requires no external communications or controls during recording.
24. The seismic data collection unit of claim 22, wherein said pod is watertight.
25. The seismic data collection unit of claim 22, wherein a portion of an external surface of the pod comprises at least one projection to enhance coupling of the seismic data collection unit with the earth.
26. The seismic data collection unit of claim 25, wherein the at least one projection is at least one spike, at least one ridge, or at least one groove.
27. The seismic data collection unit of claim 22, further comprising: a compass; and at least two additional geophones disposed within said pod.
28. The seismic data collection unit of claim 22, wherein the at least one geophone is a multi-component geophone capable of measuring seismic signals in at least two directions angularly oriented to one another.
29. The seismic data collection unit of claim 22, wherein a portion of the pod has a circular shape.
30. The seismic data collection unit of claim 22, wherein a portion of the pod has a non-circular shape.
31. The seismic data collection unit of claim 22, further comprising a GPS location transducer.
32. The seismic data collection unit of claim 22, further comprising a radio unit.
33. The seismic data collection unit of claim 22, further comprising an external connector; wherein the external connector is disposed in electrical communication with the at least one geophone, the clock, the power source and the seismic data recorder, and wherein the external connector extends through a portion of the wall of the single case.
34. The seismic data collection unit of claim 33, further comprising a water tight, pressure resistant cap disposed over said external connector.

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35. The seismic data collection unit of claim 22, wherein the power source comprises a fuel cell or a solar cell.
36. The seismic data collection unit of claim 22, wherein: the at least one geophone comprises at least four seismic data geophones disposed within said case, at least three seismic data geophones of said at least four seismic data geophones are disposed proximate to one another, and at least one seismic data geophone of said at least four seismic data geophones is disposed at a location within said internal compartment that is removed from the at least three seismic data geophones that are disposed proximate to each other.
37. The seismic data collection unit of claim 36, wherein the at least three seismic data geophones that are disposed proximate to each other are configured to maximize detection of seismic energy, and wherein the at least one seismic data geophone that is removed from the at least three seismic data geophones is configured to mechanically vibrate the pod.
38. The seismic data collection unit of claim 22, further comprising a tilt meter disposed in the internal compartment.
39. The seismic data collection unit of claim 22, wherein the pod comprises at least one internal partition disposed within the internal compartment.
40. The seismic data collection unit of claim 39, wherein the at least one partition is disposed proximate to the power source, and wherein the at least one partition separates the power source from other components in the pod.
41. The seismic data collection unit of claim 39, wherein the at least one partition is disposed proximate to the seismic data recorder, and wherein the at least one partition separates the seismic data recorder from other components in the pod.
42. The seismic data collection unit of claim 39, wherein the at least one partition is disposed proximate to the seismic data recorder, and wherein the at least one partition separates the seismic data recorder from the at least one geophone.
43. The seismic data collection unit of claim 39, wherein the at least one internal partition divides the internal compartment into multiple compartments.
44. The unit of claim 1, wherein said geophone is configured to vibrate said housing.
45. The unit of claim 1, wherein said geophone is a first geophone, further comprising: a second geophone configured to vibrate the case.
46. The unit of claim 5, wherein said geophone is configured to vibrate said housing.
47. The unit of claim 5, wherein said geophone is a first geophone, further comprising: a second geophone configured to vibrate the case.
48. The unit of claim 21, wherein at least one of said at least one geophone is configured to vibrate said housing.
49. The unit of claim 22, wherein at least one of said at least one geophone is configured to vibrate said pod.

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